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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=4; day=3; hr=14; min=10; sec=1; ms=345; ]

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Application No: 10543078 Version No: 2.0

**Input Set:**

**Output Set:**

**Started:** 2008-03-21 11:38:49.331  
**Finished:** 2008-03-21 11:38:51.829  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 498 ms  
**Total Warnings:** 36  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 56  
**Actual SeqID Count:** 56

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23)
W 213	Artificial or Unknown found in <213> in SEQ ID (24)
W 213	Artificial or Unknown found in <213> in SEQ ID (25)
W 213	Artificial or Unknown found in <213> in SEQ ID (26)
W 213	Artificial or Unknown found in <213> in SEQ ID (27)
W 213	Artificial or Unknown found in <213> in SEQ ID (28)
W 213	Artificial or Unknown found in <213> in SEQ ID (29)
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W 213	Artificial or Unknown found in <213> in SEQ ID (35)
W 213	Artificial or Unknown found in <213> in SEQ ID (36)
W 213	Artificial or Unknown found in <213> in SEQ ID (37)
W 213	Artificial or Unknown found in <213> in SEQ ID (38)
W 213	Artificial or Unknown found in <213> in SEQ ID (39)

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Error code	Error Description
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SEQUENCE LISTING

<110> KOHARA, Michinori  
WATANABE, Tsunamasa  
TAIRA, Kazunari  
MIYAGISHI, Makoto  
SUDO, Masayuki

<120> Oligoribonucleotide or Peptide Nucleic Acid Inhibiting the Function of Hepatitis C Virus

<130> 382.1047

<140> 10543078

<141> 2005-07-21

<150> PCT/JP04/000605

<151> 2004-01-23

<150> JP 2003/016750

<151> 2003-01-24

<160> 56

<170> PatentIn Ver. 2.1

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<211> 500

<212> DNA

<213> Hepatitis C virus

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<211> 500

<212> DNA

<213> Hepatitis C virus

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aaaccaaaacg taacaccaac cgccgcccac aggacgtcaa gttccgggc ggtggtcaga 420  
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<210> 3

<211> 500

<212> DNA

<213> Hepatitis C virus

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gagagccata gtggctcg 180  
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<211> 500

<212> DNA

<213> Hepatitis C virus

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accccccctc cgggagagc catatggtc tgcgaaaccg gtgagtagac 180  
aggacgaccg gtcctttct tggatcaacc cgctcaatgc ctggagattt gggcgtgccc 240  
ccgcgagact gctagccgag tagtgggg tcgcgaaagg cttgtggta ctgcctgata 300  
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<210> 5

<211> 500

<212> DNA

<213> Hepatitis C virus

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ccccccctcc 180  
gggagagcc 240  
gaagacccggg tcccttc 300  
gcaagactgc tagccgagta gcgtgggtt gcgaaaggcc ttgtggact gcctgatagg 360  
gtgcttc 420  
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gcggccagat cgttggc 500

<210> 6

<211> 500

<212> DNA

<213> Hepatitis C virus

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ccccctccc gggagagcca tagtggtctg cggaaccggt gagtacaccg gaattgccgg 180  
gaagactggg tccttcttg gataaaacca ctctatgccc ggccatttg gggtgc 240  
gcaagactgc tagccagta gcgttgggtt gcgaaaggcc ttgtgtact gcgtgatagg 300  
gtgctgcga gtccccggg aggtctcgta gaccgtgcac catgagcaca aatcctaaac 360  
ctcaaagaaa aacccacaga aacactaacc gtcgcccaca agacgttaag ttccggcgc 420  
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gcacgacaag gaagacttcg 500

<210> 7

<211> 500

<212> DNA

<213> Hepatitis C virus

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ccccctccc ggagagccat agtggtctgc ggaaccggt agtacaccgg aattgccggg 180  
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caagactgct agccgagtag cggtgggttg cgaaaggcc tttgtgtactg cctgataggg 300  
tgcttgcgag tgccccggg ggtctcgtag accgtgcacc atgagcaca atcctaaacc 360  
tcaaagaaaa accaaaaagaa acaccaacccg tcgcccaca gacgttaagt ttccggcgg 420  
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cgacgacaagg aagacttcg 500

<210> 8

<211> 500

<212> DNA

<213> Hepatitis C virus

<400> 8

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ccccctccc ggagagccat agtggtctgc ggaaccggt agtacaccgg aattgccggg 180  
aagactgggt ctttttttg ataaaacccac tctatgccc gccatttggg cgtgcccccg 240  
caagactgct agccgagtag cggtgggttg cgaaaggcc tttgtgtactg cctgataggg 300  
cgcttgcgag tgccccggg ggtctcgtag accgtgcacc atgagcaca atcctaaacc 360  
tcaaagaaaa accaaaaagaa acaccaacccg tcgcccaca gacgttaagt ttccggcgg 420  
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cagacgacaagg aaaacttcg 500

<210> 9

<211> 500

<212> DNA

<213> Hepatitis C virus

<400> 9

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ccccctccc gggagagcca tagtggtctg cggaaccggt gagtacaccg gaattgccgg 180

gaagactggg tccttcttg gataaaccca ctctatgccc ggccatggg gcgtgcccc 240  
gcaagactgc tagccgagta gcgttgggtt gcgaaaggcc ttgtggtaact gcctgatagg 300  
gtgcttgcga gtccccggg aggtctcgta gaccgtgcac catgagcaca aatcctaaac 360  
ctcaaagaaa aacccacaga aacactaacc gtccggccaca agacgtaag ttccggcgc 420  
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<211> 500  
<212> DNA  
<213> Hepatitis C virus

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ccccctccccg ggagagccat agtggtctgc ggaaccggtg agtacaccgg aattgccggg 180
aagactgggt ccttcttgg ataaaaccac tctatgcccgg gccatttggg cgtccccccg 240
caagaccgct agccgagtag cggtgggtt cgaaaggcct tgggtactg cctgtataggg 300
tgcttgcgag tgccccggga ggtctcgtag accgtgcacc atgagcacaatcctaaacc 360
tcaaaagacaa accaaaaagaa acaccagccg tggcccacaa gacgttaggt ttccggggcgg 420
cgcccgatc gttggcggag tatacttggt gccgcgcagg gggcccgatgt tgggtgtgcg 480
cqcgacaagg aagacttcgg 500
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<210> 11  
<211> 500  
<212> DNA  
<213> Hepatitis C virus

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ccccccccc gggagagcca tagtggctcg cgaaaccgggt gagtacacccg gaattaccgg 180
aaagactggg tccttcttg gataaaaccca ctctatgtcc ggtcatttgg gcacgcccccc 240
gcaagactgc tagccgagta gcgttgggtt gcgaaaggcc ttgtggtaact gcctgatagg 300
gtgttgcga gtccccccggg aggtctcgta gaccgtgcatt catgagcaca aatcctaaac 360
ctcaaagaaa aaccaaaaga aacacaaaacc gccccccaca ggacgttaag ttccccgggtg 420
gcggtagat cgttggcgga gtttacttgc tgccgcgcag gggccccagg ttgggtgtgc 480
gcgcgacaaq daagacttct 500
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<210> 12  
<211> 311  
<212> DNA  
<213> Hepatitis C virus

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cattccctgt ttttttttt ttttttttt tttttttttt tttttttttc tttcccttcc 180
ttctttttttt cctttctttt tcccttcttt aatggtggtt ccatcttagc cctagtcacg 240
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qcaqatcatq t 311
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<210> 13

<211> 371  
<212> DNA  
<213> Hepatitis C virus

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ccgacccccc tggttcatgt tgcctact cctacttca gtagggtag gcatctacct 120  
gctcccaac cgataaacgg ggagctaaac actccaggcc aataggccat ttctttttt 180  
ttttttttt tttttcttt tttttttt tttttttt tttttttt tttttttt 240  
ctttctttt tttttttt ttttcttctt ttggctggct ccatcttagc cctagtcacg 300  
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gcagatcatgt t 371

<210> 14  
<211> 439  
<212> DNA  
<213> Hepatitis C virus

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cgaccccgct tattactcct tggcctactc ctacttttg tagggtagg cttttccta 180  
ctccccgctc ggtagagcgg cacacattag ctacactcca tagctaactg tcccttttt 240  
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ttccttctca ttcccttctt atcttaatta ctcccttcc ttggctggctcc atcttagccc 360  
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gtatctctgc agatcatgt 439

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<212> DNA  
<213> Hepatitis C virus

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tccctttttt ttttttttt tttttttttt ctttctcatt tccttcttat cttaattact 240  
ttctttcctg gtggctccat cttagcccta gtcacggcta gctgtgaaag gtccgtgagc 300  
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tttactcccc gctcggtaga gccccacaca tttagctacac tccatagcta actgttccctt 180  
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<212> DNA  
<213> Hepatitis C virus

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ctttttttttt tttttttttt tttttttttt tttttttttt tttttttttc 240  
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tctctctgca gatcatgt 378

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<212> DNA  
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<212> DNA  
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<210> 22  
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<210> 23  
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<210> 24  
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<210> 26

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'-UTR target siRNA

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<210> 27

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'-UTR target siRNA

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<210> 28

<211> 21

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'-UTR target siRNA

<400> 28

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<210> 29

<211> 22

<212> RNA

<213> Artificial Sequence

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22

<210> 30

<211> 20

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 5'-UTR target siRNA

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<223> Description of Artificial Sequence: 5'-UTR target siRNA

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<210> 32

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<213> Artificial Sequence

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<210> 33

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<400> 33

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<210> 34

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3'-UTR target siRNA

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21

<210> 35

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer  
Ds3-8864-S25

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<210> 38  
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Ds5-201-S25

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